

EU Type Examination Certificate Number: **UK/ 0120/ SGS0273**

## **Landis + Gyr Ltd**

Orion Business Park  
Bird Hall Lane  
Stockport  
SK3 0RT

Instrument Identification:  
**G450 790 E060713 70**

**Integrated E6 gas meter without secondary hardware encryption but  
with an internal cut-off valve, pressure fluctuation support, 169MHz  
DLMS radio transceiver, temperature compensation**

Instrument Traceable Number  
**UK/ 0120/ SGS0273**

## **Directive 2014/32/EU** **on Measuring Instruments Annex II Module B**

It is certified that the manufacturer's technical design and specimen for the above instrument has been examined and, based on the evidence submitted, it is considered that the instrument conforms to the requirements of Annex IV of Directive 2014/32/EU.

This certificate is to be used in conjunction with a certificate covering the product verification as required in Annex II Module D or Annex II Module F

This certificate is valid for 10 years from 25<sup>th</sup> May 2017 until 24<sup>th</sup> May 2027

Issue 1  
Certification is based on report number(s) **UK/0120/SGS0273Ra** dated 25<sup>th</sup> May 2017

Notified Body Number 0120

Authorised Signature



**CE**  
**0120**

Notified Body  
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EU Type Examination Cert.



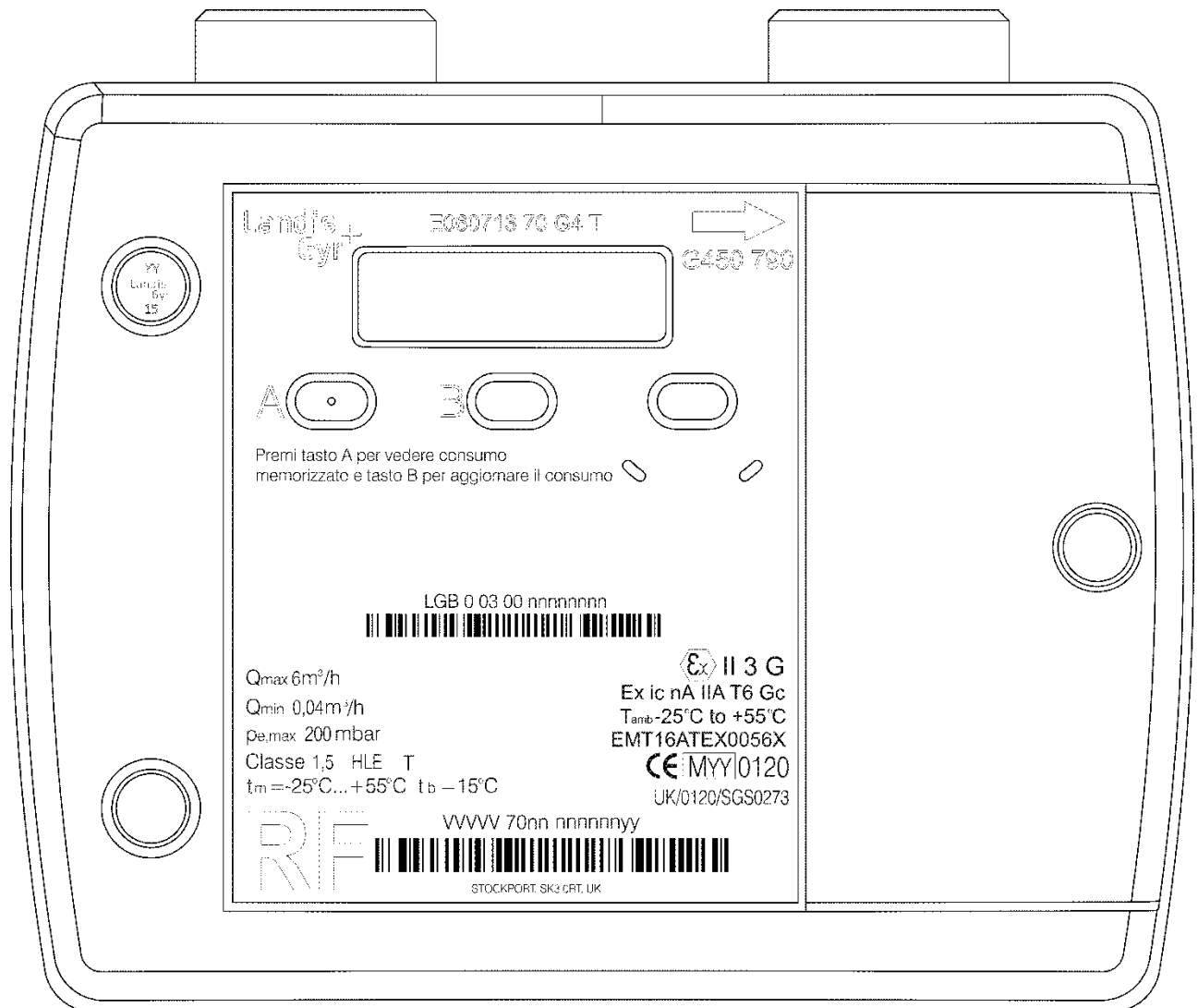
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## Approval Annex for EU Type Examination Cert. No. UK/ 0120/ SGS0273

<b>Manufacturer</b>	:	Landis + Gyr Ltd	
<b>Type of Meter(s)</b>	:	G450 790 E060713 70	
<b>Description of Meter</b>	:	Integrated E6 gas meter without secondary hardware encryption but with an internal cut-off valve, pressure fluctuation support, 169MHz DLMS radio transceiver, temperature compensation.	
<b>Accuracy Class (es)</b>	:	1.5	<b>Software Version No</b> : V50.03
<b>Bill Of Materials No</b>	:	P000329750C	<b>Boss Type</b> : G1¼ ISO 228-1 class B
<b>Meter Build No</b>	:	70	<b>Sealing Type</b> : Plastic laser etched seal <b>Location</b> : 1 x Front of meter
<b>Integrity of Meter</b>	:	Inaccessible without breaking seals	<b>Temperature Range</b> : -25°C to +55°C <b>Base Temperature</b> : 15 °C
<b>Range of Gases</b>	:	Second Family	<b>Maximum Operating Pressure</b> : 200 mbar
<b>Flow Range</b>	:	Qmax 6.0m <sup>3</sup> /h Qmin 0.040m <sup>3</sup> /h	<b>Orientation</b> : Connection ports vertical and horizontal

### Artwork of front of meter

G450 790 E060713 70 Integrated Gas Meter showing extended ambient temperature range of -25°C to 55°C and base gas temperature  $t_b$  of 15°C



## Photograph of Meter (External View)

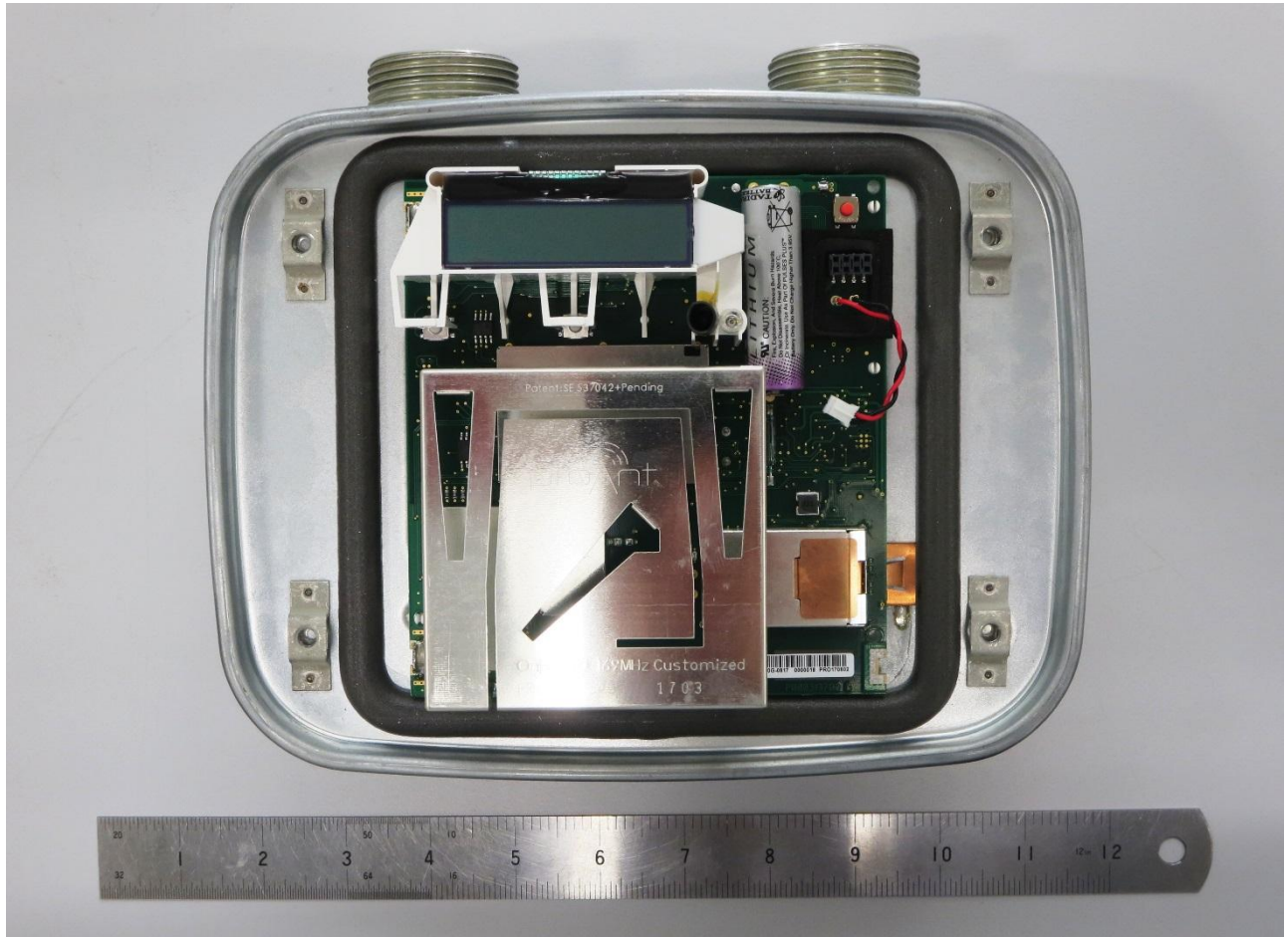
G450 790 E060713 70 Integrated Gas Meter with direction of flow clearly marked



**Photograph of G450 790 E060713 70 Phase 2 Meter without Battery Cover Fitted**



**Photograph of Meter Showing PCB**





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## Landis + Gyr Smart Gas Meter G450 Type Designation

**Meter**  
G450

**Communication media**  
7 DLMS

**Comms Variant**  
9 169 MHz DLMS

**Functionality / version**  
0 EURO METER

**Meter Type**  
E Ultrasonic gas meter

**Flow Capacity**  
06 6 m<sup>3</sup>/hr

**Hardware / Firmware build options**  
07 without secondary hardware encryption, with internal cut-off valve, temperature compensated billing register, and UNI Draft E.01.16.926.0 - Annex D pressure fluctuation support

**Boss spacing**  
1 110 mm

**Boss type**  
3 G1¼ ISO 228-1 class B

**Meter Build standard approval number**  
70 ASIC generation 4, Piccolo tube



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#### Document Revision History

Issue	Date	Comments
1	25/05/2017	Initial Issue